

Height data of the deviations relative to the reference surface

Refraction
 applications of standard algorithms (Munnerlyn formulae)
 surface: sphere

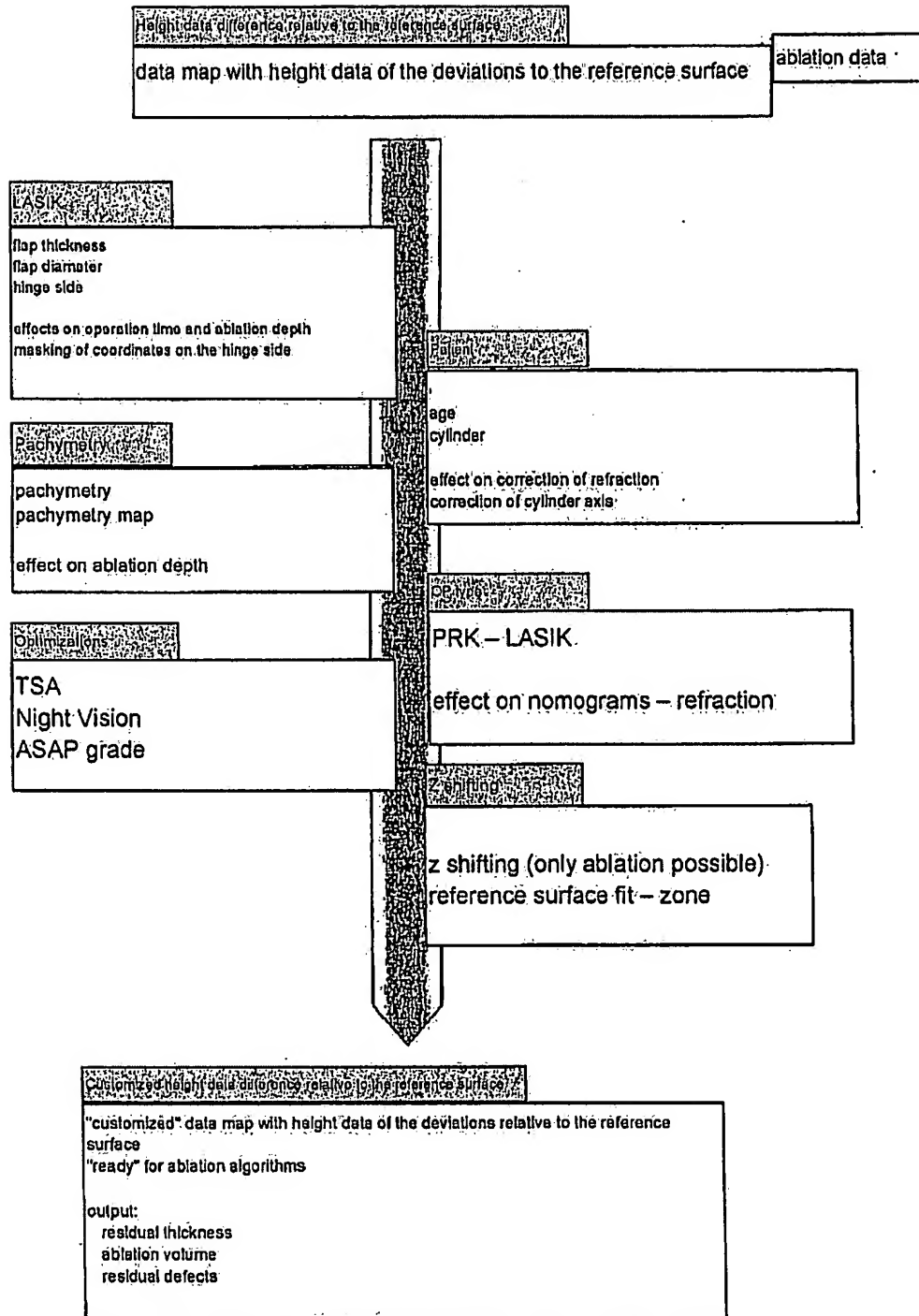
Refraction + topography
 deduction of the height data from topography data
 curvature of the reference surface according to refractive data.
 applications of standard algorithms (Munnerlyn formulae) nomograms?
 consideration of K values
 surface: ellipsoid

Refraction + wave front
 curvature of the reference surfaces according to refractive data
 applications of standard algorithms (Munnerlyn formulae) nomograms?
 overlaying with HO data (calculated from subjective refractions?)
 surface: sphere

Refraction + topography + wave front
 Problem: difference topo \leftrightarrow wave
 Applications of standard algorithms (Munnerlyn formulae) nomograms?
 Overlaying with HO data (calculated from subjective refractions?)
 consideration of K values
 surface: ellipsoid.

Height data difference relative to the reference surface

data map with height data of the deviations relative to the reference surface



Customized height data difference relative to the reference surface

"customized" data map with height data of the deviations relative to the reference surface
 "ready" for ablation algorithms

Laser parameters

energy density distribution spot
 firing frequency
 spot geometry
 resolution accuracy scanner
 smoke problems, thermal problems

Reflection Properties

energy density distribution change
 reflection losses
 correction of reference data

Ablation coordinates for laser

coordinate data for specific laser (MEL 70, Remsy)
 output:
 OP time